

< Back t

Key: IEEE JNL = IEEE Journal or Magazine, IEE JNL = IEE Journal or Magazine, IEEE CNF = IEEE Conference, IEEE STD = IEEE Standard

#### 1. Digital frequency estimation in burst mode QPSK transmission

Bellini, S.; Molinari, C.; Tartara, G.; Communications, IEEE Transactions on Volume 38, Issue 7, July 1990 Page(s):959 - 961 IEEE JNL

#### 2. Multichannel parallel data link for optical communication

Ota, Y.; Swartz, R.G.; LTS, IEEE [see also IEEE LCS] Volume 2, Issue 2, May 1991 Page(s):24 - 32 IEEE JNL

#### A complete 400 Mb/s burst-mode data OEIC receiver

Mactaggart, R.; Bendett, M.; Taylor, S.;
Gallium Arsenide Integrated Circuit (GaAs IC) Symposium, 1992. Technical Digest 1992., 14th Annual IEEE
4-7 Oct. 1992 Page(s):283 - 286
IEEE CNF

#### 4. A fully digital hardware detector for $\pi/4$ QPSK

LaRosa, C.P.; Carney, M.J.; Vehicular Technology Conference, 1992 IEEE 42nd 10-13 May 1992 Page(s):293 - 297 vol.1 IEEE CNF

#### A fully digital feedforward MSK demodulator with joint frequency offset and symbol timing estimation for burst mode mobile radio

Mehlan, R.; Yong-En Chen; Meyr, H.; Vehicular Technology, IEEE Transactions on Volume 42, Issue 4, Nov. 1993 Page(s):434 - 443 IEEE JNL

#### 6. A complete 400-Mb/s burst-mode data OEIC receiver

Mactaggart, I.R.; Bendett, M.; Taylor, S.S.; Solid-State Circuits, IEEE Journal of Volume 28, Issue 10, Oct. 1993 Page(s):1018 - 1022 IEEE JNL

#### A 660 Mb/s CMOS clock recovery circuit with instantaneous locking for NRZ data and burst-mode transmission

Banu, M.; Dunlop, A.; Solid-State Circuits Conference, 1993. Digest of Technical Papers. 40th ISSCC., 1993 IEEE International 24-26 Feb. 1993 Page(s):102 - 103, 270 IEEE CNF

#### 8. High-speed QPSK/OQPSK burst modem VLSIC

Kobayashi, K.; Matsumoto, Y.; Sakata, T.; Seki, K.; Kato, S.; Communications, 1993. ICC 93. Geneva. Technical Program, Conference Record, IEEE International Conference c Volume 3, 23-26 May 1993 Page(s):1735 - 1739 vol.3

**IEEE CNF** 

#### 9. Digital burst mode clock recovery technique for fiber-optic systems

Eldering, C.A.; Herrerias-Martin, F.; Martin-Gomez, R.; Garcia-Arribas, P.J.;

Lightwave Technology, Journal of

Volume 12, Issue 2, Feb. 1994 Page(s):271 - 279

**IEEE JNL** 

# 10. High-speed, burst-mode, packet-capable optical receiver and instantaneous clock recovery for optical bus operation

Ota, Y.; Swartz, R.G.; Archer, V.D., III; Korotky, S.K.; Banu, M.; Dunlop, A.E.;

Lightwave Technology, Journal of

Volume 12, Issue 2, Feb. 1994 Page(s):325 - 331

IEEE JNL

### 11. VLSI-implemented high speed digital burst modem-Applications for satellite video TDMA and wireless LAN

Matsumoto, Y.; Kobayashi, K.; Sakata, T.; Seki, K.; Kubota, S.; Kato, S.;

Communications, 1994. ICC 94, SUPERCOMM/ICC '94, Conference Record, Serving Humanity Through

Communications. IEEE International Conference on

1-5 May 1994 Page(s):1472 - 1477 vol.3

**IEEE CNF** 

#### 12. Ultra fast synchronized symbol timing recovery

Huajing Fu; Feher, K.;

Consumer Electronics, 1995., Proceedings of International Conference on

7-9 June 1995 Page(s):156 - 157

**IEEE CNF** 

# 13. 150/30 Mb/s CMOS non-oversampled clock and data recovery circuits with instantaneous locking and jitter rejection

Dunlop, A.E.; Fischer, W.C.; Banu, M.; Gabara, T.;

Solid-State Circuits Conference, 1995. Digest of Technical Papers. 42nd ISSCC, 1995 IEEE International

15-17 Feb. 1995 Page(s):44 - 45, 338

**IEEE CNF** 

#### 14. Burst-mode differential receiver for optical packet communication

Yamada, Y.; Togashi, M.; Habara, K.; Matsunaga, T.;

**Electronics Letters** 

Volume 32, Issue 16, 1 Aug. 1996 Page(s):1500 - 1501

**IEE JNL** 

#### 15. A 156 Mbps CMOS clock recovery circuit for burst-mode transmission

Nakamura, M.; Ishihara, N.; Akazawa, Y.;

VLSI Circuits, 1996. Digest of Technical Papers., 1996 Symposium on

13-15 June 1996 Page(s):122 - 123

**IEEE CNF** 

#### 16. Reference parameter estimation in the presence of a frequency shift in burst mode PSK transmission

Andronico, M.; Casale, S.; La Corte, A.;

Computers and Communications, 1996., Conference Proceedings of the 1996 IEEE Fifteenth Annual International Phoenix Conference on

27-29 March 1996 Page(s):309 - 314

**IEEE CNF** 

### 17. 16 QAM burst mode receiver for upstream communication over CATV networks

Codenie, J.; Xiaohua Wang; Everaert, A.; Lambrecht, P.; Vandewege, J.; De Meyer, K.; Trog, W.; De Vleeshouwer, A

Circuits and Systems, 1997. Proceedings of the 40th Midwest Symposium on

Volume 1, 3-6 Aug. 1997 Page(s):573 - 576 vol.1 IEEE CNF

#### 18. Nonlinear cross-talk reduction by spectrum shaping in subcarrier signaling WDM networks

Ho, M.C.; Lu, C.L.; Hofmeister, R.T.; Kazovsky, L.G.;

Lasers and Electro-Optics, 1998. CLEO 98. Technical Digest. Summaries of papers presented at the Conference of 3-8 May 1998 Page(s):29 - 30

**IEEE CNF** 

#### 19. Joint frequency and timing recovery for MSK-type modulation

Morelli, M.; Mengali, U.; Communications, IEEE Transactions on Volume 47, Issue 6, June 1999 Page(s):938 - 946 IEEE JNL

#### 20. Ultra-fast clock recovery for burst-mode optical packet communication

Yamada, Y.; Mino, S.; Habara, K.;

Optical Fiber Communication Conference, 1999, and the International Conference on Integrated Optics and Optical Fiber Communication. OFC/IOOC '99. Technical Digest

Volume 1, 21-26 Feb. 1999 Page(s):114 - 116 vol.1

**IEEE CNF** 

#### 21. High-speed burst-mode optical interconnects for photonic packet communications

Habara, K.; Yamada, Y.;

Lasers and Electro-Optics Society 1999 12th Annual Meeting. LEOS '99. IEEE

Volume 2, 8-11 Nov. 1999 Page(s):621 - 622 vol.2

IEEE CNF

#### 22. All digital 1.62 Mb/s QPSK burst-mode system for FTTC/VDSL transmission

Gi-Hong Im; Cheol-Jin Park; Consumer Electronics, IEEE Transactions on Volume 46, Issue 4, Nov. 2000 Page(s):1088 - 1097 IEEE JNL

### 23. A fast synchronizer for burst modems with simultaneous symbol timing and carrier phase estimations Dengwei Fu; Willson, A.N., Jr.;

Circuits and Systems, 2000. Proceedings. ISCAS 2000 Geneva. The 2000 IEEE International Symposium on Volume 3, 28-31 May 2000 Page(s):379 - 382 vol.3

**IEEE CNF** 

# 24. Asynchronous symbol timing recovery with adaptive interpolation filter for high data-rate digital mobile rad Der-Zheng Liu; Che-Ho Wei;

Circuits and Systems, 2000. Proceedings. ISCAS 2000 Geneva. The 2000 IEEE International Symposium on Volume 2, 28-31 May 2000 Page(s):85 - 88 vol.2

**IEEE CNF** 

### 25. A multibitrate burst-mode CDR circuit with bit-rate discrimination function from 52 to 1244 Mb/s

Kobayashi, S.; Hashimoto, M.; Photonics Technology Letters, IEEE Volume 13, Issue 11, Nov. 2001 Page(s):1221 - 1223 IEEE JNL

### 26. Time-transfer performance in burst-mode communication systems

Mosquera, C.; Scalise, S.; Taricco, G.; Garofalo, G.; Giunta, D.; Selected Areas in Communications, IEEE Journal on Volume 19, Issue 12, Dec. 2001 Page(s):2310 - 2319
IEEE JNL

# 27. All digital CDMA upstream transmitter and baseband VLSI design of head-end receiver for upstream cable networks

Keng-Yi Su; Muh-Tain Shieu; Chorng-Kuang Wang; ASIC, 2002. Proceedings. 2002 IEEE Asia-Pacific Conference on 6-8 Aug. 2002 Page(s):371 - 374

**IEEE CNF** 

#### . 28. Ultrafast nonlinear interferometer (UNI)-based digital optical circuits and their use in packet switching

Bintjas, C.; Vlachos, K.; Pleros, N.; Avramopoulos, H.;

Lightwave Technology, Journal of

Volume 21, Issue 11, Nov. 2003 Page(s):2629 - 2637

IEEE JNL

# 29. A feedforward timing recovery scheme using two samples per symbol: algorithm, performance and implementation issues

Zhu, W.-P.; Yupeng Yan; Ahmad, M.O.; Swamy, M.N.S.;

Circuits and Systems, 2003. ISCAS '03. Proceedings of the 2003 International Symposium on

Volume 2, 25-28 May 2003 Page(s):II-21 - II-24 vol.2

**IEEE CNF** 

#### 30. Fast symbol timing recovery techniques for burst-mode digital demodulators

Nguyen Doan Vo; Tho Le-Ngoc;

Vehicular Technology Conference, 2003. VTC 2003-Spring. The 57th IEEE Semiannual

Volume 4, 22-25 April 2003 Page(s):2609 - 2613 vol.4

**IEEE CNF** 

#### 31. Coarse timing recovery in burst mode OFDM

Nguyen, H.H.; Salt, J.E.; Zhiyi Zhou;

Vehicular Technology Conference, 2003. VTC 2003-Spring. The 57th IEEE Semiannual

Volume 1, 22-25 April 2003 Page(s):646 - 650 vol.1

**JEEE CNF** 

### 32. A feedforward symbol synchronization scheme for digital receiver

Zhu, W.-P.; Yupeng Yan; Ahmad, M.O.; Swamy, M.N.S.;

Neural Networks and Signal Processing, 2003. Proceedings of the 2003 International Conference on

Volume 1, 14-17 Dec. 2003 Page(s):587 - 590 Vol.1

**IEEE CNF** 

#### 33. Fast symbol timing recovery techniques for flexible PAM and QAM modems

Vo, N.D.; Le-Ngoc, T.;

Electrical and Computer Engineering, 2003. IEEE CCECE 2003. Canadian Conference on

Volume 3, 4-7 May 2003 Page(s):1959 - 1962 vol.3

**IEEE CNF** 

# 34. Fast packet routing in a 2.5 Tb/s optical switch fabric with 40 Gb/s duobinary signals at 0.8 b/s/Hz spectral efficiency

Duelk, M.; Gripp, J.; Simsarian, J.; Bhardwaj, A.; Bernasconi, P.; Zirngibl, M.; Laznicka, O.;

Optical Fiber Communications Conference, 2003. OFC 2003

23-28 March 2003 Page(s):PD8 - 1-3 vol.3

**IEEE CNF** 

#### 35. Packet-format and network-traffic transparent optical signal processing

Kehayas, E.; Kanellos, G.T.; Stampoulidis, L.; Tsiokos, D.; Pleros, N.; Guekos, G.; Avramopoulos, H.;

Lightwave Technology, Journal of

Volume 22, Issue 11, Nov. 2004 Page(s):2548 - 2556

**IEEE JNL** 

36. Joint frequency and timing recovery for pulse shaped. 4-CPFSK with h = 0.25

Zhijian Yu; Minjian Zhao; Lifeng Liu; Zhiyong Luo;

Vehicular Technology Conference, 2004. VTC2004-Fall. 2004 IEEE 60th

Volume 3, 26-29 Sept. 2004 Page(s):1762 - 1765 Vol. 3

**IEEE CNF** 

37. New data detection and symbol timing recovery approaches for burst optical signal transmission

Tong Zhao; Nehorai, A.; Porat, B.;

Acoustics, Speech, and Signal Processing, 2004. Proceedings. (ICASSP '04). IEEE International Conference on

Volume 4, 17-21 May 2004 Page(s):iv - 917-20 vol.4

**IEEE CNF** 

38. Detecting burst-mode optical label or payload generated by OCSS technique using conventional receivers

Jianjun Yu; Gee-Kung Chang; Chowdhury, A.;

Photonics Technology Letters, IEEE

Volume 17, Issue 7, July 2005 Page(s):1567 - 1569

**IEEE JNL** 

39. Instantaneous Clockless Data Recovery and Demultiplexing

Analui, B.; Hajimiri, A.;

Circuits and Systems II: Express Briefs, IEEE Transactions on [see also Circuits and Systems II: Analog and Digital

Signal Processing, IEEE Transactions on]

Volume 52, Issue 8, Aug. 2005 Page(s):437 - 441

**IEEE JNL** 

40. A novel timing recovery circuit with high tracking ability for burst-mode multi-level QAM transmission

Shirato, Y.; Yoshioka, H.; Watanabe, K.;

Wireless Communications and Networking Conference, 2005 IEEE

Volume 1, 13-17 March 2005 Page(s):578 - 583 Vol. 1

**IEEE CNF** 

41. Instantaneous clock recovery for burst-mode optical label and payload by using a conventional data receiv-

Jianjun Yu; Gee-Kung Chang; Chowdhury, A.;

Optical Fiber Communication Conference, 2005. Technical Digest. OFC/NFOEC

Volume 3, March 6-11, 2005 Page(s):252 - 254

IEEE CNF

Indexed by

© Copyright 2005 IEEE -